



ECOLTO

## PRODUCT SPECIFICATION

# SIB 0820

## 12mAh 3.0V



### Product advantages

- Safe 0-Volt Transportation
- Support High-Rate Charging and Discharging
- Wide Operating Temperature Range :  $-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$
- Excellent Safety Performance: extremely low risk of rupture or ignition



### SPECIFICATIONS

Items	Criteria	Remarks
Typical capacity	12mAh [ $\pm 20\%$ ]	0.05C charge and discharge for cut-off voltage
Nominal voltage	3.0V	/
Internal impedance	$\leq 600\text{m}\Omega$	AC 1KHz after standard charge
Charge cut-off voltage	3.6V	/
Standard charge current	12mA	1C
Max continuous charge current	300mA	25C
Standard discharge current	12mA	1C
Max continuous discharge current	300mA	25C
Discharge cut-off voltage	2.0V	/
Temperature	$-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$	Operating Temp.Range
Temperature	$+10^{\circ}\text{C} \sim +40^{\circ}\text{C}$	Storage Temp.Range

### Charging / Discharging curves for sample

